Title: A TASK LIBRARY OF TASK DATA FOR A PLURALITY OF COMPONENTS ON A COMPUTER SYSTEM
Inventors: J. Simons et al.
Docket No.: MSFT121182

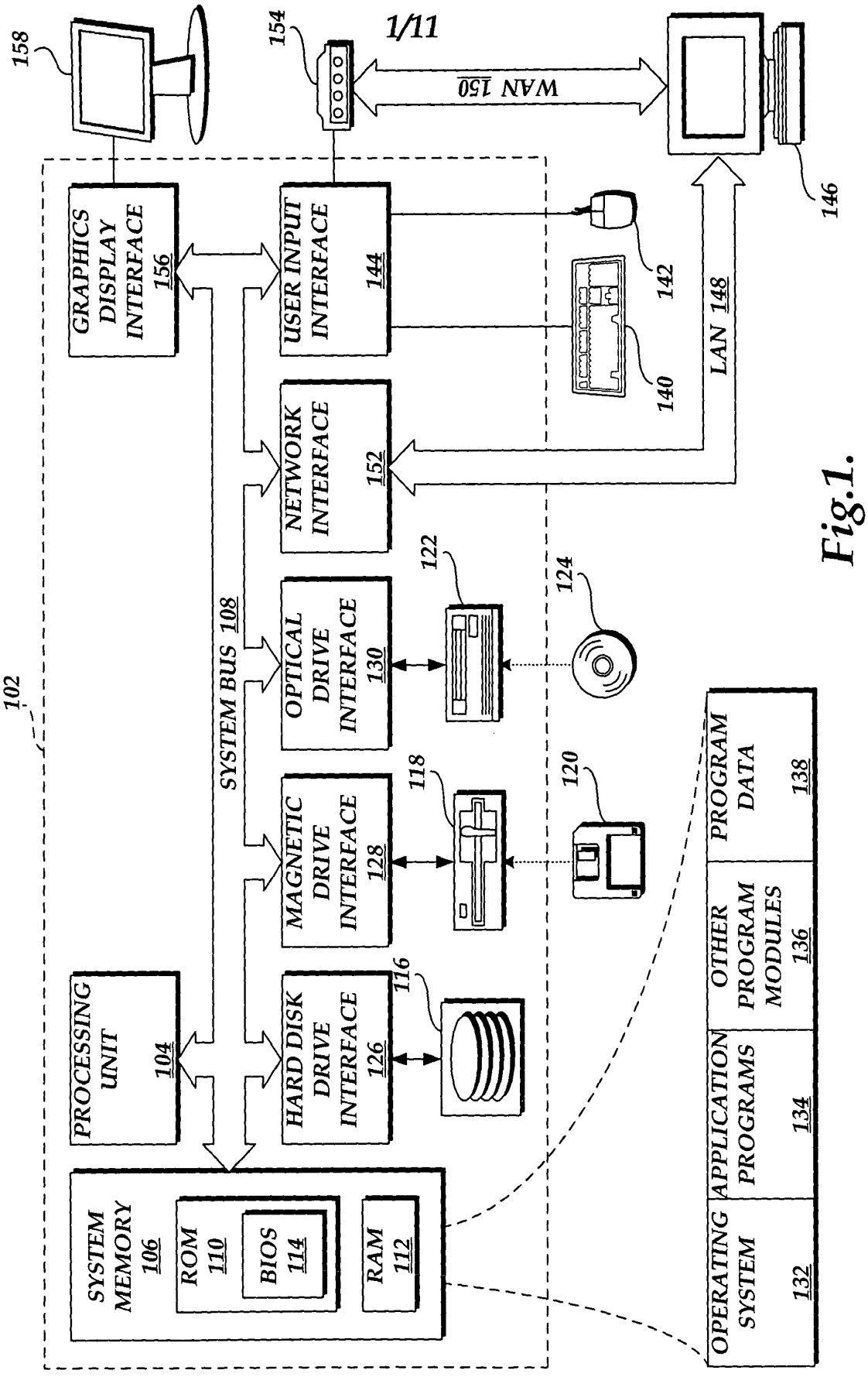

Fig.1.

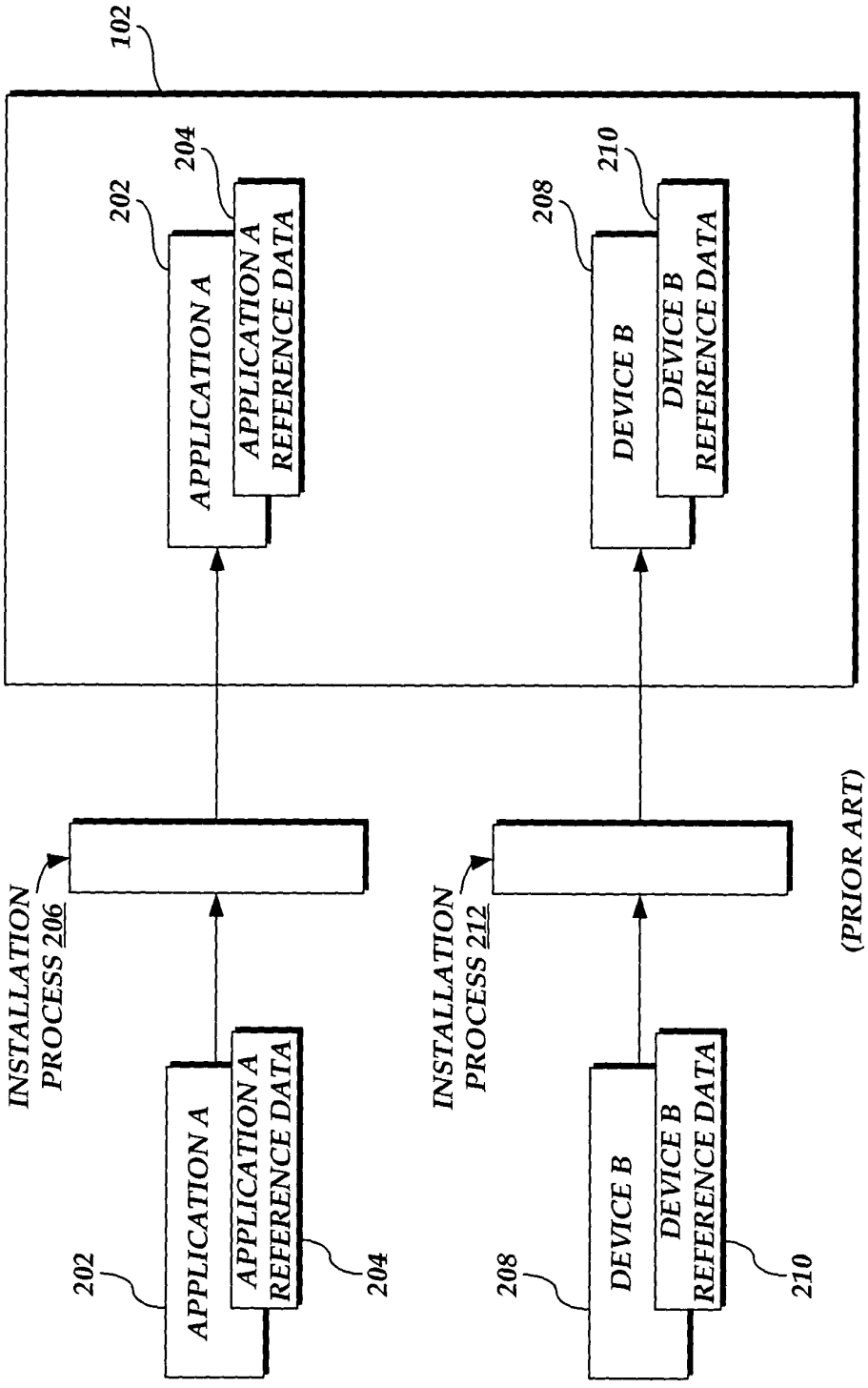
102
202
APPLICATION A
204
APPLICATION A REFERENCE DATA
208
DEVICE B
210
DEVICE B REFERENCE DATA
INSTALLATION PROCESS 206
INSTALLATION PROCESS 212
APPLICATION A
APPLICATION A REFERENCE DATA
DEVICE B
DEVICE B REFERENCE DATA
(PRIOR ART)

Fig.2.

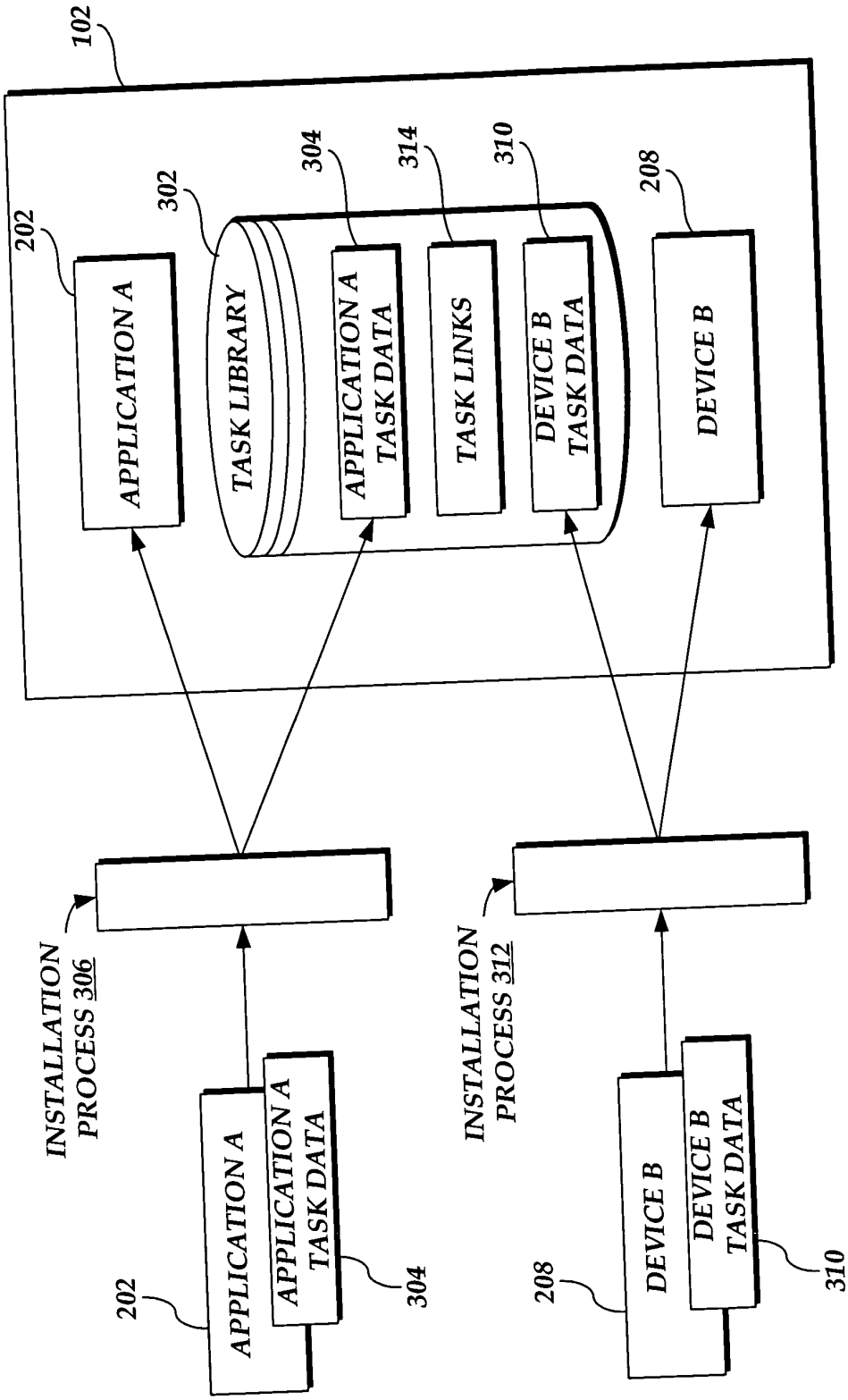
102
202
APPLICATION A
302
TASK LIBRARY
304
APPLICATION A TASK DATA
314
TASK LINKS
310
DEVICE B TASK DATA
208
DEVICE B
INSTALLATION PROCESS 306
INSTALLATION PROCESS 312
202
APPLICATION A
APPLICATION A TASK DATA
304
208
DEVICE B
DEVICE B TASK DATA
310

Fig.3.

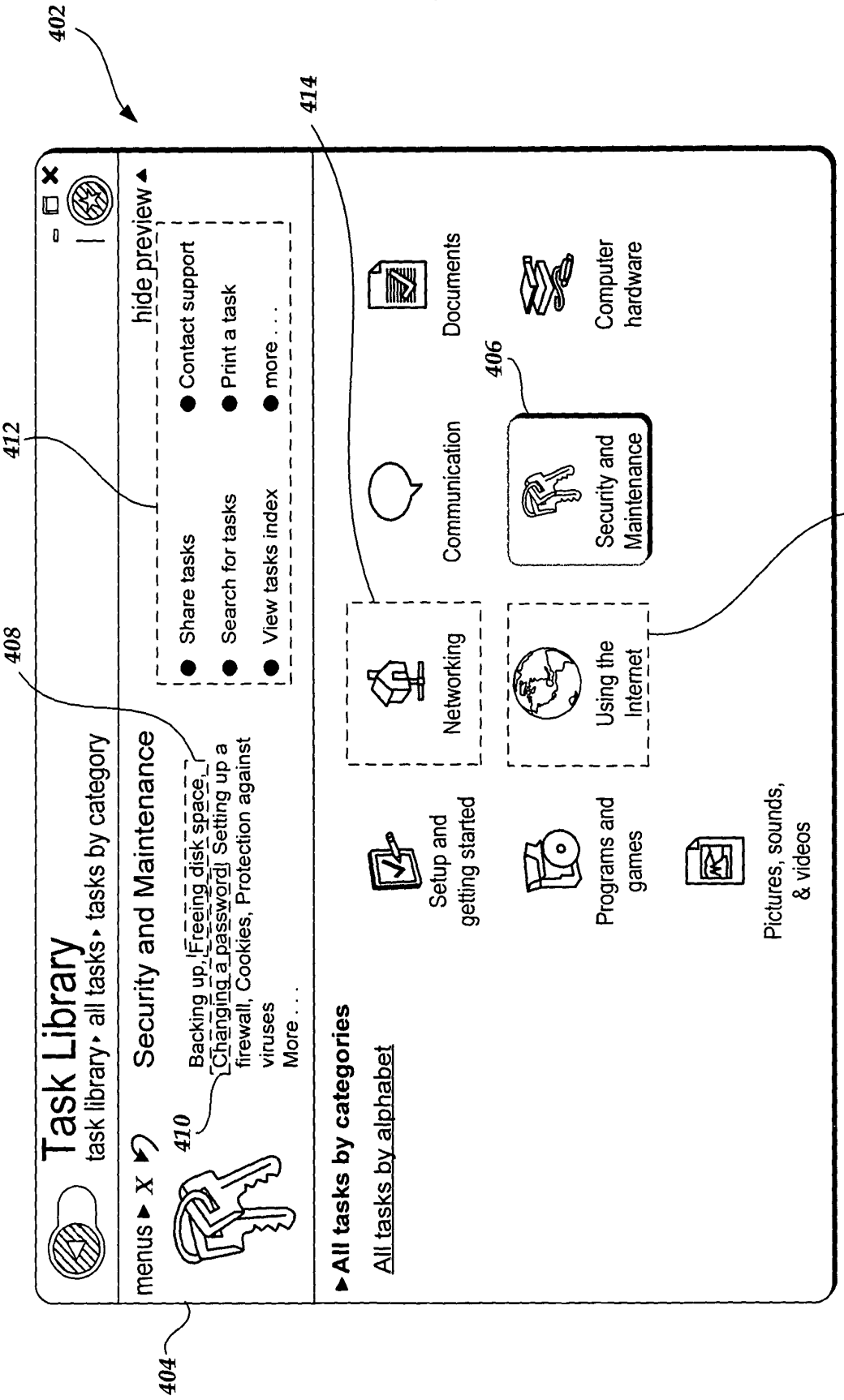
402
414
412
408
404
410
406
416
Task Library
task library ▸ all tasks ▸ tasks by category
menus ▸ X
Security and Maintenance
hide preview ▲
Backing up, Freeing disk space, Changing a password, Setting up a firewall, Cookies, Protection against viruses
More . . .
Share tasks
Search for tasks
View tasks index
Contact support
Print a task
more . . .
▸ All tasks by categories
All tasks by alphabet
Setup and getting started
Networking
Communication
Documents
Programs and games
Using the Internet
Security and Maintenance
Computer hardware
Pictures, sounds, & videos

Fig. 4.

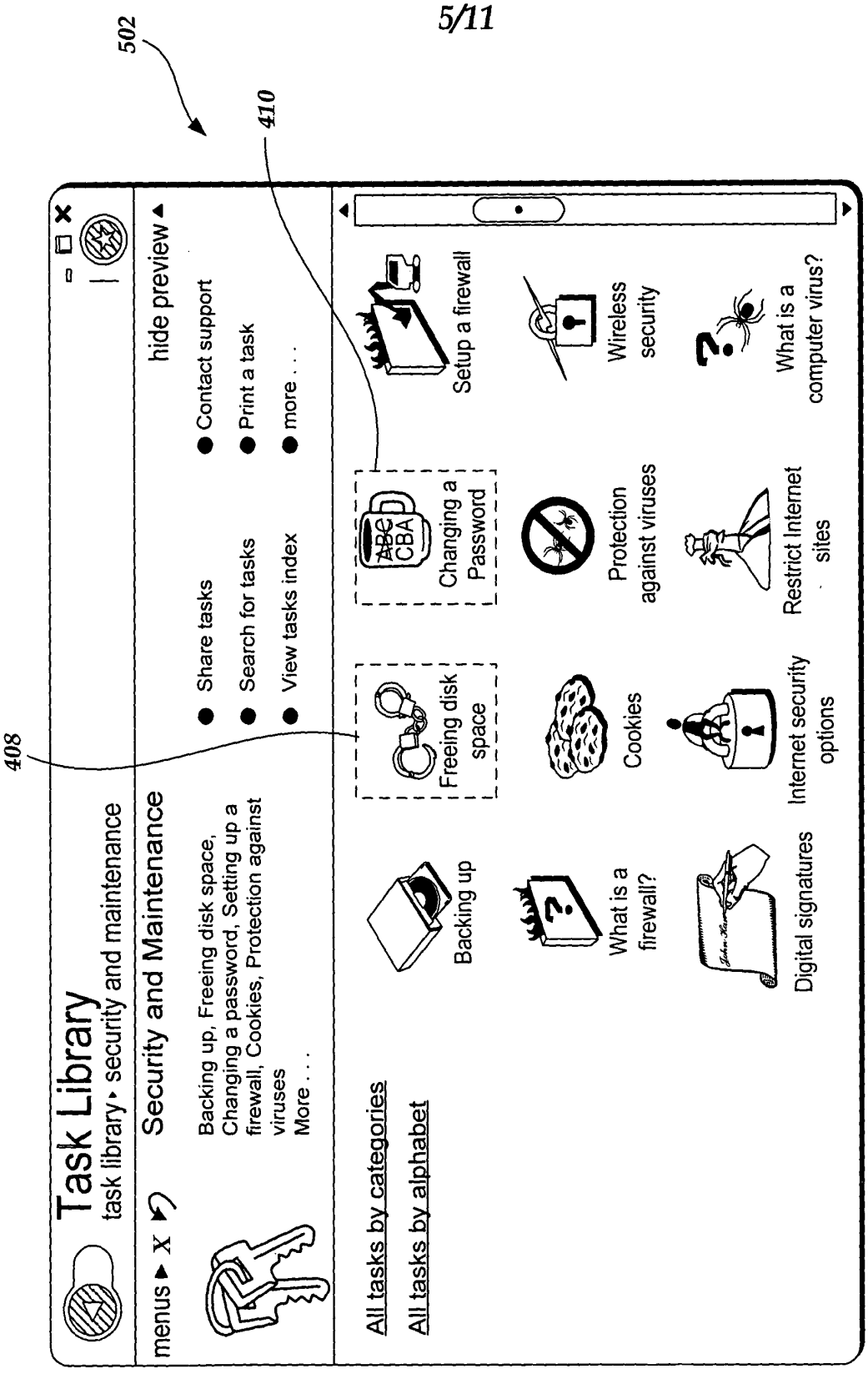
502
410
408
Task Library
task library ▸ security and maintenance
menus ▸
Security and Maintenance
hide preview ▲
Backing up, Freeing disk space, Changing a password, Setting up a firewall, Cookies, Protection against viruses
More . . .
Share tasks
Search for tasks
View tasks index
Contact support
Print a task
more . . .
All tasks by categories
All tasks by alphabet
Backing up
Freeing disk space
Changing a Password
Setup a firewall
What is a firewall?
Cookies
Protection against viruses
Wireless security
Digital signatures
Internet security options
Restrict Internet sites
What is a computer virus?

Fig. 5.

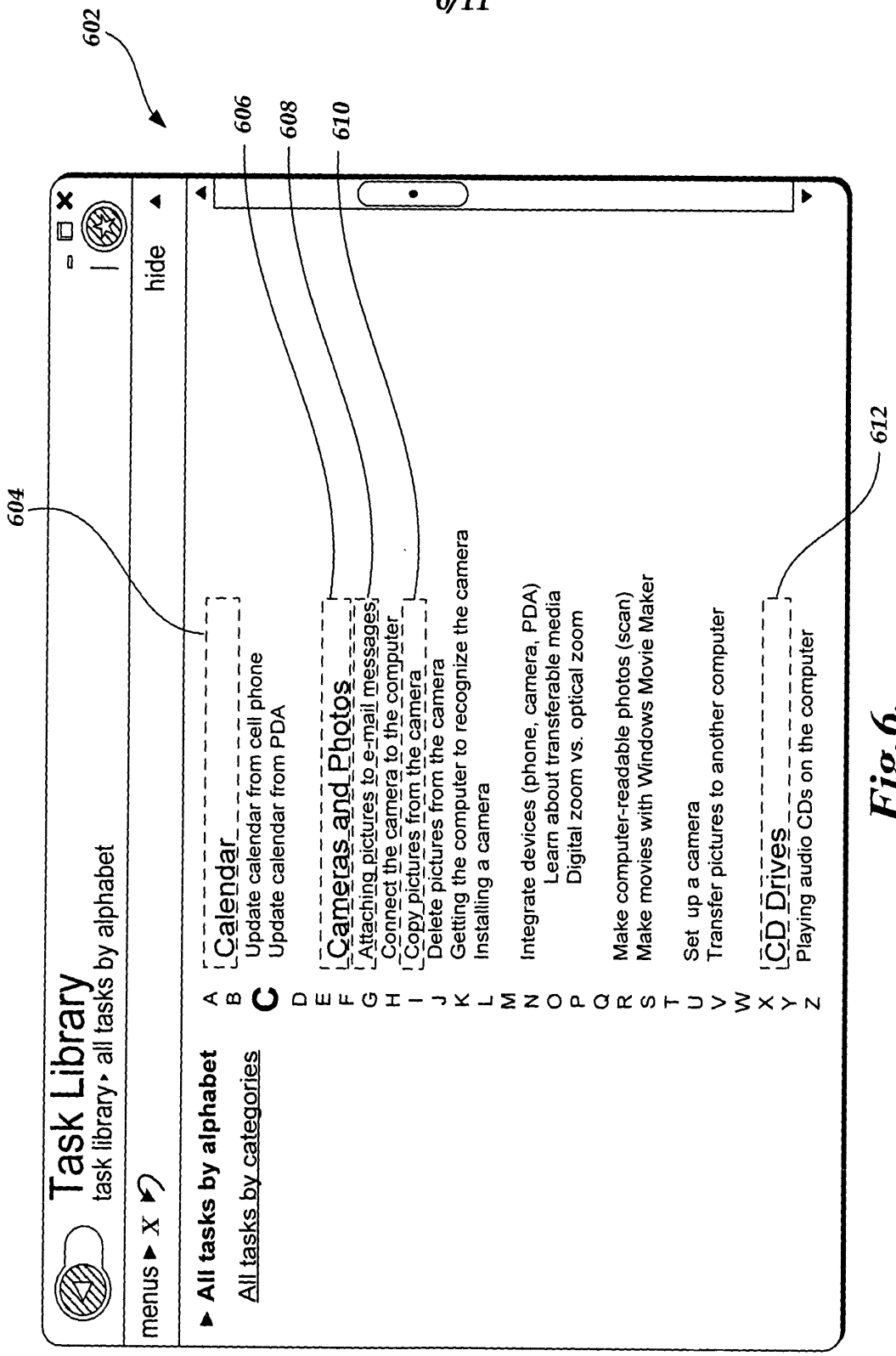
602
604
606
608
610
612
Task Library
task library ▸ all tasks by alphabet
menus ▸ X
hide
▸ All tasks by alphabet
All tasks by categories
A Calendar
B Update calendar from cell phone
C Update calendar from PDA
D
E
F Cameras and Photos
G Attaching pictures to e-mail messages
H Connect the camera to the computer
I Copy pictures from the camera
J Delete pictures from the camera
K Getting the computer to recognize the camera
L Installing a camera
M
N Integrate devices (phone, camera, PDA)
O Learn about transferable media
P Digital zoom vs. optical zoom
Q
R Make computer-readable photos (scan)
S Make movies with Windows Movie Maker
T
U Set up a camera
V Transfer pictures to another computer
W
X CD Drives
Y Playing audio CDs on the computer
Z

Fig. 6.

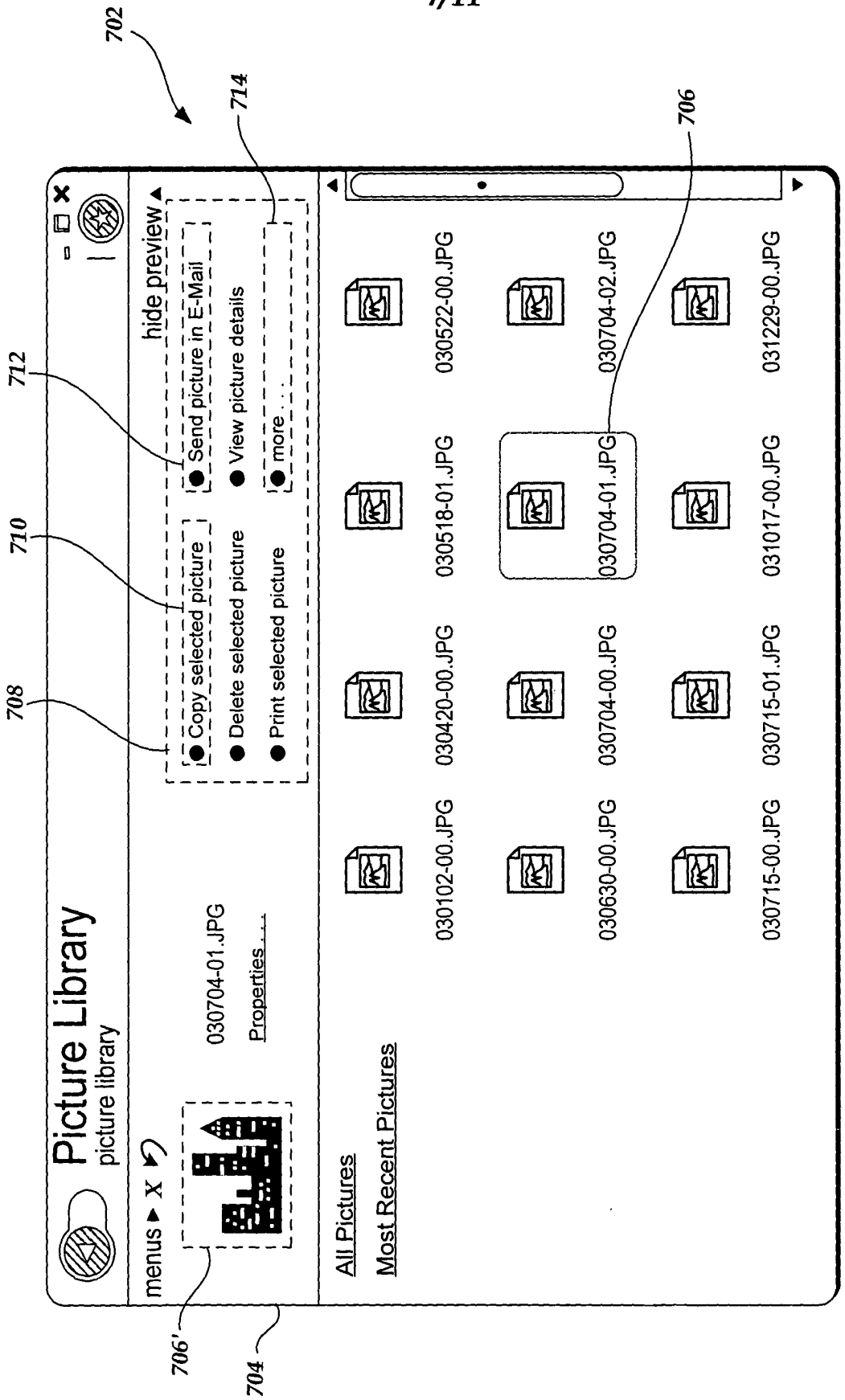
702
714
706
712
710
708
706'
704
Picture Library
picture library
menus
hide preview
Copy selected picture
Send picture in E-Mail
Delete selected picture
View picture details
Print selected picture
more . . .
030704-01.JPG
Properties . . .
All Pictures
Most Recent Pictures
030102-00.JPG
030420-00.JPG
030518-01.JPG
030522-00.JPG
030630-00.JPG
030704-00.JPG
030704-01.JPG
030704-02.JPG
030715-00.JPG
030715-01.JPG
031017-00.JPG
031229-00.JPG

Fig. 7A.

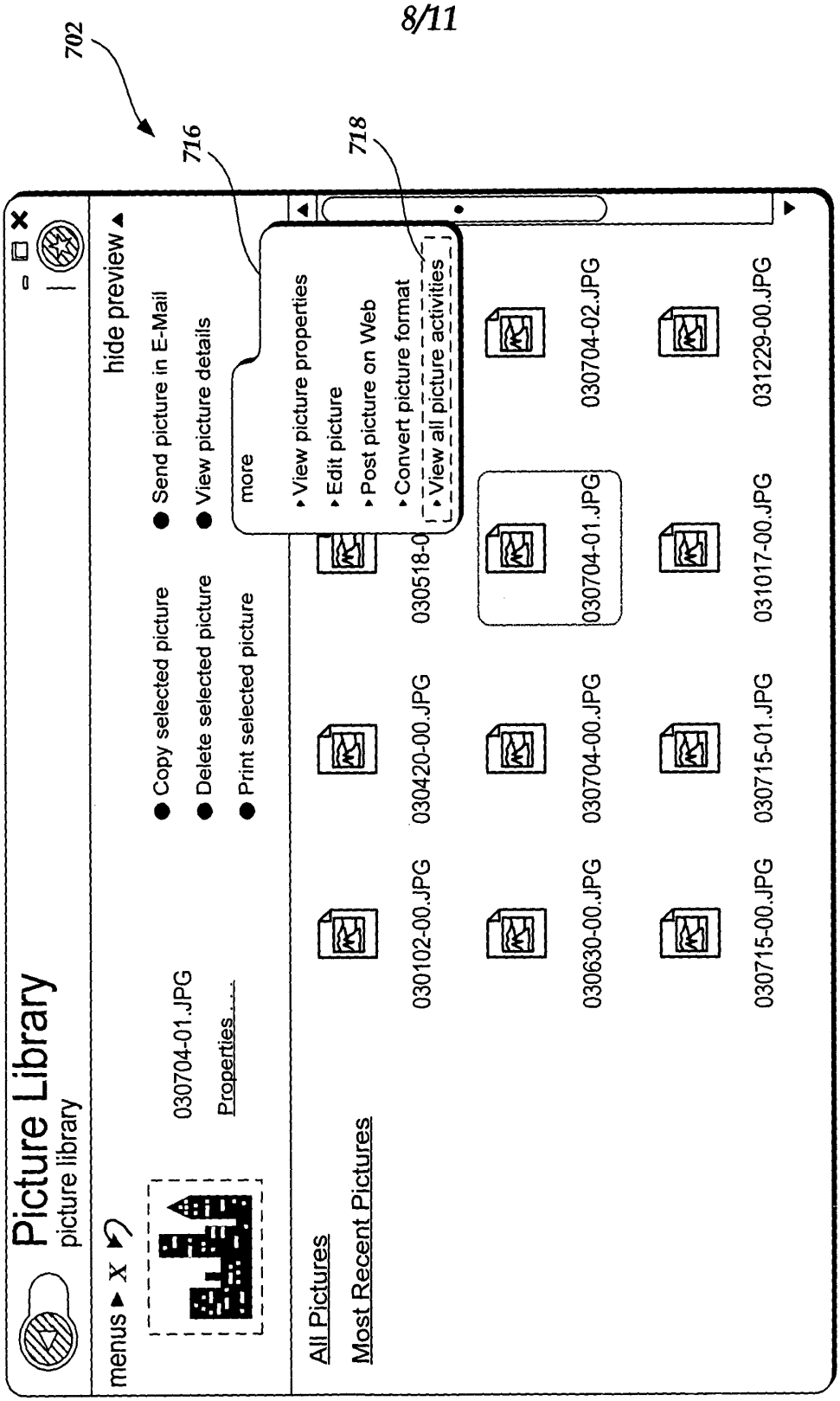
702
716
718
Picture Library
picture library
menus
hide preview
030704-01.JPG
Properties...
Copy selected picture
Delete selected picture
Print selected picture
Send picture in E-Mail
View picture details
more
View picture properties
Edit picture
Post picture on Web
Convert picture format
View all picture activities
All Pictures
Most Recent Pictures
030102-00.JPG
030420-00.JPG
030518-0
030630-00.JPG
030704-00.JPG
030704-01.JPG
030704-02.JPG
030715-00.JPG
030715-01.JPG
031017-00.JPG
031229-00.JPG

Fig. 7B.

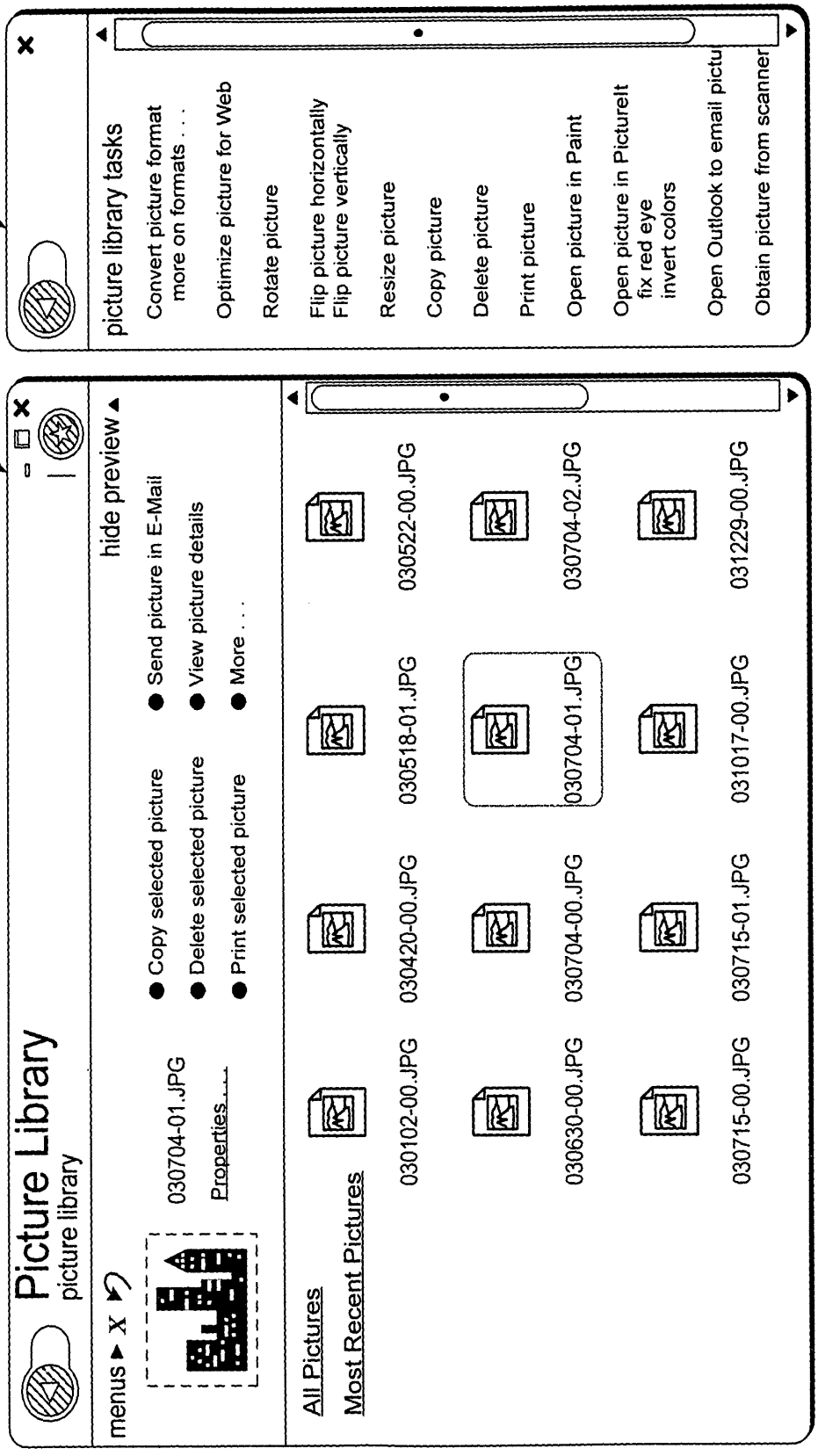
720
picture library tasks
Convert picture format
more on formats . . .
Optimize picture for Web
Rotate picture
Flip picture horizontally
Flip picture vertically
Resize picture
Copy picture
Delete picture
Print picture
Open picture in Paint
Open picture in PictureIt
fix red eye
invert colors
Open Outlook to email pictu
Obtain picture from scanner
702
Picture Library
picture library
menus
hide preview
030704-01.JPG
Properties . . .
Copy selected picture
Delete selected picture
Print selected picture
Send picture in E-Mail
View picture details
More . . .
All Pictures
Most Recent Pictures
030102-00.JPG
030420-00.JPG
030518-01.JPG
030522-00.JPG
030630-00.JPG
030704-00.JPG
030704-01.JPG
030704-02.JPG
030715-00.JPG
030715-01.JPG
031017-00.JPG
031229-00.JPG

Fig. 7C.

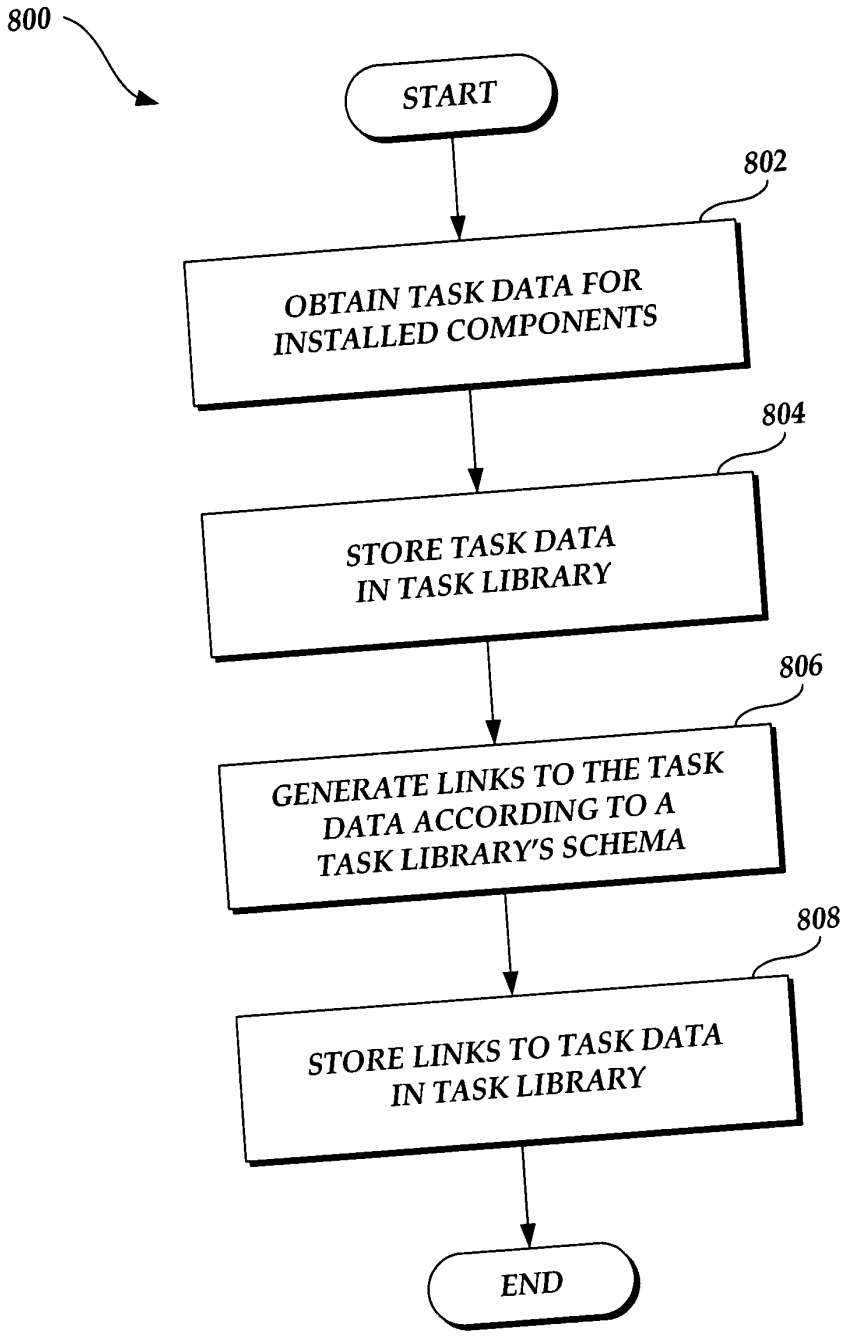
800
START
802
OBTAIN TASK DATA FOR INSTALLED COMPONENTS
804
STORE TASK DATA IN TASK LIBRARY
806
GENERATE LINKS TO THE TASK DATA ACCORDING TO A TASK LIBRARY'S SCHEMA
808
STORE LINKS TO TASK DATA IN TASK LIBRARY
END

Fig.8.

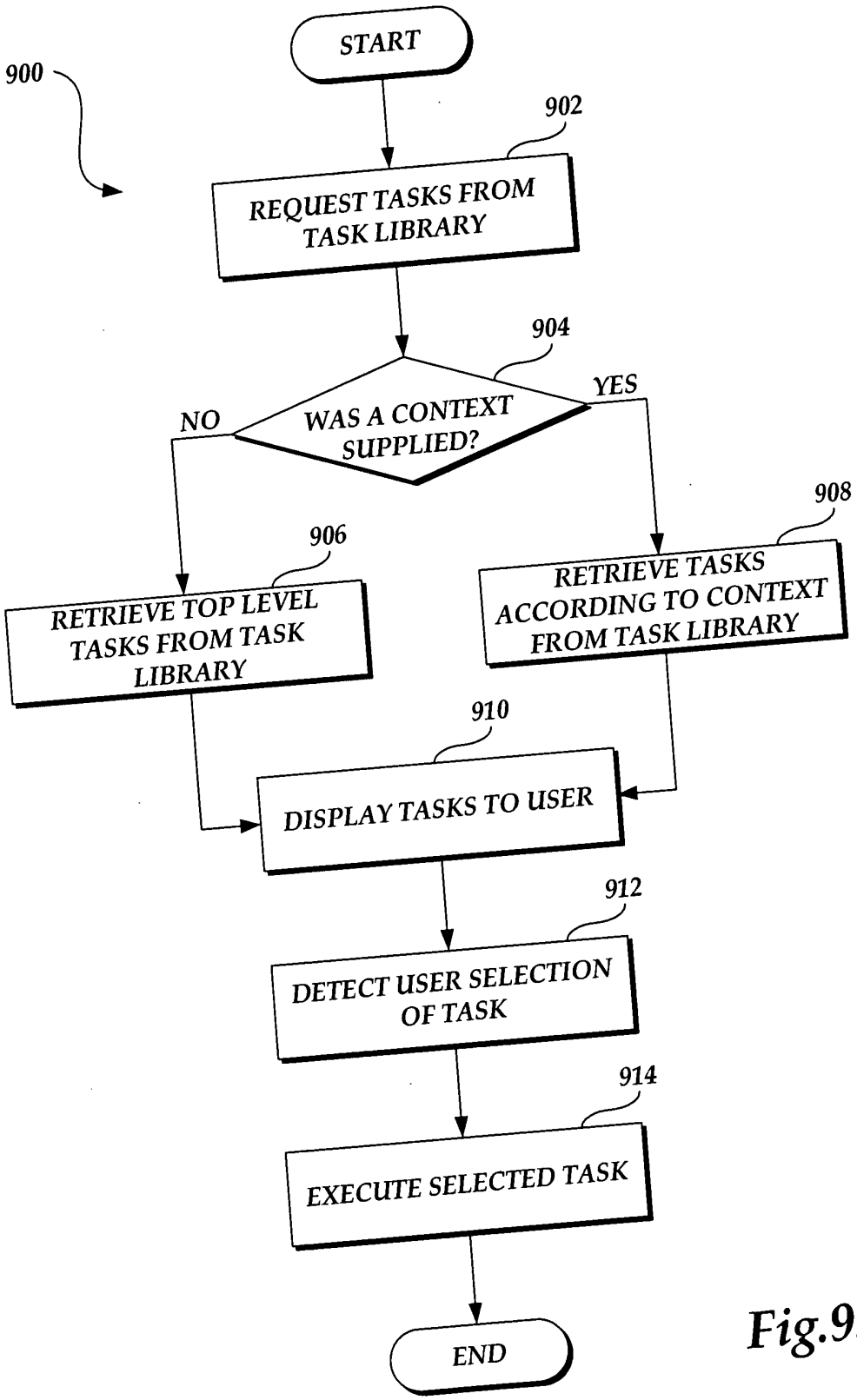
START
900
902
REQUEST TASKS FROM TASK LIBRARY
904
WAS A CONTEXT SUPPLIED?
NO
YES
906
RETRIEVE TOP LEVEL TASKS FROM TASK LIBRARY
908
RETRIEVE TASKS ACCORDING TO CONTEXT FROM TASK LIBRARY
910
DISPLAY TASKS TO USER
912
DETECT USER SELECTION OF TASK
914
EXECUTE SELECTED TASK
END

Fig.9.